UTILITY **PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Name:

245723US2 Attorney Docket No.

First Inventor or Application Identifier

Masakatsu KITANI, et al.

Title BIDIRECTIONAL SHIFT REGISTER SHIFTING PULSE IN BOTH FORWARD AND BACKWARD DIRECTIONS

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	See	APPLICATION ELEMENTS MPEP chapter 600 concerning utility patent application contents	Commissioner for Patents ADDRESS TO: Mail Stop Patent Application Alexandria, Virginia 22313						
1.		Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)	ACCOMPANYING APPLICATION PARTS						
			7. Assignment Papers (cover sheet & document(s))						
2.		Specification Total Sheets 37	8. Application Data Sheet. See 37 CFR 1.76						
			9. 37 C.F.R. §3.73(b) Statement Power of Attorney						
3.		Drawing(s) (35 U.S.C. 113) Total Sheets 9	10. ☐ English Translation Document (if applicable)						
			11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations (1)						
4.		Oath or Declaration Total Pages 3	12. Preliminary Amendment						
	a.	Newly executed (original)	13. White Advance Serial No. Postcard						
	b.	☐ Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation/divisional with box 17 completed)	14. Certified Copy of Priority Document(s) (1) (if foreign priority is claimed)						
		 DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b). 	15. Applicant claims small entity status. See 37 CFR 1.27						
5.		CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	16. Other: Request for Priority, Statement of Relevancy						
6.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)							
	a.	☐ Computer Readable Form (CRF)							
	þ.	Specification or Sequence Listing on :							
		i. ☐ CD-ROM or CD-R (2 copies); or							
		ii. 🗆 Paper							
	C.	Statements verifying identity of above copies							
17.	If a	CONTINUING APPLICATION, check appropriate box, and supp							
	<u> </u>	Continuation Divisional Continuation							
		application information: Examiner:	Group Art Unit:						
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
18. CORRESPONDENCE ADDRESS									
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Docket No.

245723US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MENTOR(S) Masakatsu KITANI, et al.

SERIAL NO:

New Application

FILING DATE: Herewith

FOR:

BIDIRECTIONAL SHIFT REGISTER SHIFTING PULSE IN BOTH FORWARD AND BACKWARD

DIRECTIONS

FEE TRANSMITTAL

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

FOR	NUMBER FILED	NUMBER EXTRA	RATE			CALCULATIONS
TOTAL CLAIMS	13 - 20 =	0	х	\$18	=	\$0.00
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The Director is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.					
	Respectfully Submitted,				
	OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.				
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